CLAIMS

1. A pool cue tip conditioning device comprising:

a housing having an upper end limiting upward movement of components contained therein, a lower end having defined therein an opening enabling insertion of a pool cue into the device and a body portion disposed between said ends;

a striker plate slidably disposed above said lower end, said plate comprising a base member extending across said housing, a multiplicity of tip-indenting fingers arranged in a concave array connected to a lower side of said base member and a contact member located at a central location on a top side of said base member;

a plunger slidably disposed above said striker plate, said plunger comprising a disk having a bottom surface in position for being contacted by said contact member and said plunger having connected to a top side thereof a post including a lower part and a tip;

a plug located above said plunger, said plug having defined in a central location of a bottom surface thereof an aperture conforming to said tip of said plunger whereby said tip may be moved to fit into said aperture upon being centered;

a return spring disposed around a periphery of said post, said return spring including non-parallel turns biasing said post off-center whereby said

tip of said plunger remains in contact with a bottom surface of said plug in the absence of pressure applied to said striker plate; and

a work spring urging said plug downward.

2. The device as defined in claim 1 wherein said contact member on a top side of said striker plate comprises a rounded knob.

3. The device as defined in claim 1 wherein said work spring exerts a stronger force than said return spring.

4. The device as defined in claim 3 wherein said work spring is comprised of 0. 050 music wire.

5. The device as defined in claim 4 wherein wherein said return spring is comprised of 0.32 music wire.

6. The device as defined in claim 3 wherein said return spring has a generally triangular shape.

7. The device as defined in claim 6 wherein said return spring has an upper end and a lower end and said lower end is bent away from parallel alignment with said upper end to an extent of 15 t0 20 degrees.

8. The device as defined in claim 1 wherein said fingers are pyramidical in shape and have a height of 0.700 inch.

9. The device as defined in claim wherein said fingers are located on 0.050 centers.

10. The device as defined in claim 1 including a lower stop collar limiting upward movement of said plunger and an upper stop collar limiting downward movement of said plug.